

620-373.TXT
SEQUENCE LISTING

<110> WILLIAMSON, MAGALI
MASTERS, JOHN

<120> CANCER ASSOCIATED PLEXIN B1 MUTATIONS

<130> 620-373

<140> 10/536,804

<141> 2005-05-27

<150> PCT/GB03/005223

<151> 2003-11-28

<150> GB 0227908.1

<151> 2002-11-29

<160> 112

<170> PatentIn version 3.5

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20 25 30Pro Thr Ala Phe Thr Pro Asn Gly Thr Tyr Leu Gln His Leu Ala Arg
35 40 45Asp Pro Thr Ser Gly Thr Leu Tyr Leu Gly Ala Thr Asn Phe Leu Phe
50 55 60Gln Leu Ser Pro Gly Leu Gln Leu Glu Ala Thr Val Ser Thr Gly Pro
65 70 75 80Val Leu Asp Ser Arg Asp Cys Leu Pro Pro Val Met Pro Asp Glu Cys
85 90 95Pro Gln Ala Gln Pro Thr Asn Asn Pro Asn Gln Leu Leu Leu Val Ser
100 105 110Pro Gly Ala Leu Val Val Cys Gly Ser Val His Gln Gly Val Cys Glu
115 120 125Gln Arg Arg Leu Gly Gln Leu Glu Gln Leu Leu Leu Arg Pro Glu Arg
130 135 140Pro Gly Asp Thr Gln Tyr Val Ala Ala Asn Asp Pro Ala Val Ser Thr
145 150 155 160

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Val Gly Leu Val Ala Gln Gly Leu Ala Gly Glu Pro Leu Leu Phe Val
 165 170 175
 Gly Arg Gly Tyr Thr Ser Arg Gly Val Gly Gly Gly Ile Pro Pro Ile
 180 185 190
 Thr Thr Arg Ala Leu Trp Pro Pro Asp Pro Gln Ala Ala Phe Ser Tyr
 195 200 205
 Glu Glu Thr Ala Lys Leu Ala Val Gly Arg Leu Ser Glu Tyr Ser His
 210 215 220
 His Phe Val Ser Ala Phe Ala Arg Gly Ala Ser Ala Tyr Phe Leu Phe
 225 230 235 240
 Leu Arg Arg Asp Leu Gln Ala Gln Ser Arg Ala Phe Arg Ala Tyr Val
 245 250 255
 Ser Arg Val Cys Leu Arg Asp Gln His Tyr Tyr Ser Tyr Val Glu Leu
 260 265 270
 Pro Leu Ala Cys Glu Gly Gly Arg Tyr Gly Leu Ile Gln Ala Ala Ala
 275 280 285
 Val Ala Thr Ser Arg Glu Val Ala His Gly Glu Val Leu Phe Ala Ala
 290 295 300
 Phe Ser Ser Ala Ala Pro Pro Thr Val Gly Arg Pro Pro Ser Ala Ala
 305 310 315 320
 Ala Gly Ala Ser Gly Ala Ser Ala Leu Cys Ala Phe Pro Leu Asp Glu
 325 330 335
 Val Asp Arg Leu Ala Asn Arg Thr Arg Asp Ala Cys Tyr Thr Arg Glu
 340 345 350
 Gly Arg Ala Glu Asp Gly Thr Glu Val Ala Tyr Ile Glu Tyr Asp Val
 355 360 365
 Asn Ser Asp Cys Ala Gln Leu Pro Val Asp Thr Leu Asp Ala Tyr Pro
 370 375 380
 Cys Gly Ser Asp His Thr Pro Ser Pro Met Ala Ser Arg Val Pro Leu
 385 390 395 400
 Glu Ala Thr Pro Ile Leu Glu Trp Pro Gly Ile Gln Leu Thr Ala Val
 405 410 415

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Ala Val Thr Met Glu Asp Gly His Thr Ile Ala Phe Leu Gly Asp Ser
420 425 430

Gln Gly Gln Leu His Arg Val Tyr Leu Gly Pro Gly Ser Asp Gly His
435 440 445

Pro Tyr Ser Thr Gln Ser Ile Gln Gln Gly Ser Ala Val Ser Arg Asp
450 455 460

Leu Thr Phe Asp Gly Thr Phe Glu His Leu Tyr Val Met Thr Gln Ser
465 470 475 480

Thr Leu Leu Lys Val Pro Val Ala Ser Cys Ala Gln His Leu Asp Cys
485 490 495

Ala Ser Cys Leu Ala His Arg Asp Pro Tyr Cys Gly Trp Cys Val Leu
500 505 510

Leu Gly Arg Cys Ser Arg Arg Ser Glu Cys Ser Arg Gly Gln Gly Pro
515 520 525

Glu Gln Trp Leu Trp Ser Phe Gln Pro Glu Leu Gly Cys Leu Gln Val
530 535 540

Ala Ala Met Ser Pro Ala Asn Ile Ser Arg Glu Glu Thr Arg Glu Val
545 550 555 560

Phe Leu Ser Val Pro Asp Leu Pro Pro Leu Trp Pro Gly Glu Ser Tyr
565 570 575

Ser Cys His Phe Gly Glu His Gln Ser Pro Ala Leu Leu Thr Gly Ser
580 585 590

Gly Val Met Cys Pro Ser Pro Asp Pro Ser Glu Ala Pro Val Leu Pro
595 600 605

Arg Gly Ala Asp Tyr Val Ser Val Ser Val Glu Leu Arg Phe Gly Ala
610 615 620

Val Val Ile Ala Lys Thr Ser Leu Ser Phe Tyr Asp Cys Val Ala Val
625 630 635 640

Thr Glu Leu Arg Pro Ser Ala Gln Cys Gln Ala Cys Val Ser Ser Arg
645 650 655

Trp Gly Cys Asn Trp Cys Val Trp Gln His Leu Cys Thr His Lys Ala

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660 665 670
 Ser Cys Asp Ala Gly Pro Met Val Ala Ser His Gln Ser Pro Leu Val
 675 680 685
 Ser Pro Asp Pro Pro Ala Arg Gly Gly Pro Ser Pro Ser Pro Pro Thr
 690 695 700
 Ala Pro Lys Ala Leu Ala Thr Pro Ala Pro Asp Thr Leu Pro Val Glu
 705 710 715 720
 Pro Gly Ala Pro Ser Thr Ala Thr Ala Ser Asp Ile Ser Pro Gly Ala
 725 730 735
 Ser Pro Ser Leu Leu Ser Pro Trp Gly Pro Trp Ala Gly Ser Gly Ser
 740 745 750
 Ile Ser Ser Pro Gly Ser Thr Gly Ser Pro Leu His Glu Glu Pro Ser
 755 760 765
 Pro Pro Ser Pro Gln Asn Gly Pro Gly Thr Ala Val Pro Ala Pro Thr
 770 775 780
 Asp Phe Arg Pro Ser Ala Thr Pro Glu Asp Leu Leu Ala Ser Pro Leu
 785 790 795 800
 Ser Pro Ser Glu Val Ala Ala Val Pro Pro Ala Asp Pro Gly Pro Glu
 805 810 815
 Ala Leu His Pro Thr Val Pro Leu Asp Leu Pro Pro Ala Thr Val Pro
 820 825 830
 Ala Thr Thr Phe Pro Gly Ala Met Gly Ser Val Lys Pro Ala Leu Asp
 835 840 845
 Trp Leu Thr Arg Glu Gly Gly Glu Leu Pro Glu Ala Asp Glu Trp Thr
 850 855 860
 Gly Gly Asp Ala Pro Ala Phe Ser Thr Ser Thr Leu Leu Ser Gly Asp
 865 870 875 880
 Gly Asp Ser Ala Glu Leu Glu Gly Pro Pro Ala Pro Leu Ile Leu Pro
 885 890 895
 Ser Ser Leu Asp Tyr Gln Tyr Asp Thr Pro Gly Leu Trp Glu Leu Glu
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Gly Ser Thr Leu Met Pro Val His Val Glu Arg Glu Ile Arg Leu Leu
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Gly Arg Asn Leu His Leu Phe Gln Asp Gly Pro Gly Asp Asn Glu Cys
 945 950 955 960

Val Met Glu Leu Glu Gly Leu Glu Val Val Val Glu Ala Arg Val Glu
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Cys Glu Pro Pro Pro Asp Thr Gln Cys His Val Thr Cys Gln Gln His
 980 985 990

Gln Leu Ser Tyr Glu Ala Leu Gln Pro Glu Leu Arg Val Gly Leu Phe
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Leu Arg Arg Ala Gly Arg Leu Arg Val Asp Ser Ala Glu Gly Leu
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His Val Val Leu Tyr Asp Cys Ser Val Gly His Gly Asp Cys Ser
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Arg Cys Gln Thr Ala Met Pro Gln Tyr Gly Cys Val Trp Cys Glu
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Gly Glu Arg Pro Arg Cys Val Thr Arg Glu Ala Cys Gly Glu Ala
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Glu Pro Leu Thr Gly Pro Val Asp Gly Gly Thr Arg Val Thr Ile
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Arg Gly Ser Asn Leu Gly Gln His Val Gln Asp Val Leu Gly Met
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Val Thr Val Ala Gly Val Pro Cys Ala Val Asp Ala Gln Glu Tyr
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Glu Val Ser Ser Ser Leu Val Cys Ile Thr Gly Ala Ser Gly Glu
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Cys	Val	Arg	Gly	Gln	Asn	Leu	Asp	Val	Val	Gln	Thr	Pro	Arg	Ile
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Ser Asp 1670	Leu Val Ala Gln	Tyr 1675	Val Ala Lys Asn	Pro Lys Leu Met 1680
Leu Arg 1685	Arg Thr Glu Thr	Val 1690	Val Glu Lys Leu	Leu Thr Asn Trp 1695
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Pro Leu 1715	Tyr Met Leu Phe	Arg 1720	Gly Ile Lys His	Gln Val Asp Lys 1725
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